U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER FORM PTO-1390 (REV 10-94) 15314.0003USWO TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Filed here within ¶ PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE June 11, 2003 June 10, 2004 PCT/SE2004/000904 TITLE OF INVENTION ABRADING DEVICE APPLICANT(S) FOR DO/EO/US THYSELL Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. [X] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l). A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. [X] is transmitted herewith (required only if not transmitted by the International Bureau). b. [X] has been transmitted by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US) A translation of the International Application into English (35 U.S.C. 371(c)(2)). [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith (required only if not transmitted by the International Bureau). have been transmitted by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. [X] have not been made and will not be made. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). [X] An unsigned oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 10. (35 U.S.C. 371(c)(5)). Items 11. to 16. below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. 13. [X] A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. 14. [A change of power of attorney and/or address letter. 15. 16. [X] Other items or information: Application Data Sheet 3 pages, Formal Drawings 3 pages, International Publication WO 2004/108351 A2, International Publication WO 2004/108351 A3, Form PCT/ISA/210, Form PCT/ISA/237, Form PCT/IB 311 transmitted December 16, 2004, Form PCT/IB/311 transmitted February 17, 2005

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| led here within 0/560082 PCT/SE2004/000904 | | 15314.0003USWO | | | |
|---|--|--|----------------------------|--|--|
| BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)): [X] a) Basic National fee | | \$300.00 | \$300.00 | | |
| [X] b) Examination fee\$200.00 | | | \$200.00 | | |
| [X] c) Search fee | | | \$500.00 | | |
| [A] c) Search fee | ••••• | \$300.00 | \$300.00 | • | |
| TOTAL OF ABOV | \$1,000.00 | | | | |
| Additional fee for specification and drawings filed in paper or sequence listing or computer program listing filed in an electron sequence and additional 50 sheets of paper or fraction thereo | ronic medium). | _ | | | |
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| fraction thereof (roun whole number | d up to a | | | | |
| 8 -100 = 0 /50 = | - | X \$250.00 | \$0.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later to months from the earliest claimed priority date (37 CFR 1.492(e)). | |) | \$0.00 | | |
| CLAIMS NUMBER FILED NUMBE | ER EXTRA | RATE | | • | |
| Total claims $4 	 -20 = 0$ | | X \$50.00 | \$0.00 | | |
| Independent claims $1 	 -3 = 0$ | | X \$200.00 | \$0.00 | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | IULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 | | \$0.00 | | |
| TOTAL OF ABOVE CALCULATIONS = | | | \$1,000.00 | | |
| Reduction by 1/2 for filing by small entity, if applicable. Small e pursuant to 37 CFR 1.27 | entity status is cl | aimed | \$500.00 | | |
| SUBTOTAL = | | | \$500.00 | | |
| Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f). | | | \$0.00 | | |
| TOTAL NATIONAL FEE = | | | \$500.00 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). | _ | | \$0.00 | | |
| TOTA | \$500.00 | | | | |
| • | Amount to be: refunded | \$0.00 | | | |
| | | | charged | \$0.00 | |
| a. [X] Check(s) in the amount of \$500.00 to cover the above fe | ees is enclosed. | ······································ | | | |
| b. [] Please charge my Deposit Account NoA duplicate copy of this sheet is enclosed. | in the amo | ount of \$ | to cover the abov | e fees. | |
| c. [X] The Commissioner is hereby authorized to charge any account No. 13-2725. | dditional fees wh | nich may be requ | uired, or credit any | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 1.137(a) or (b)) must be filed and granted to restore the applic | | · • | petition to revive (37 CFR | | |
| SEND ALL CORRESPONDENCE TO: Dennis R. Daley | | | | - 1 / //// - 1 / / / / / / / / / / / / / | |
| ERCHANT & GOULD SIGNATURE: O. Box 2903 | | | | | |
| Minneapolis, MN 55402-0903 | ME: Dennis R. Daley | | | | |
| 1 | | NAI | ME: Dennis R. Daley | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

THYSELL

IAP9 Rec'd PCT/PTO 08 DEC 2009

Docket:

15314.0003USWO

Title:

ABRADING DEVICE

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 495848360 US Date of Deposit: December 8, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O.

Box 1450, Alexandria, Virginia 22313-1450.

By: ///
Name: // hy Junkers

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 3 pgs; 4 claims; Abstract 1 pgs. The fee has been calculated as shown below in the 'Claims as Filed' table.
- Small entity status is claimed pursuant to 37 CFR 1.27
- An unsigned Combined Declaration and Power of Attorney
- A check in the amount of \$500.00 to cover the Filing Fee
- Application Data Sheet, 3 pages.
- **◯** Form 1390
- Other: Preliminary Amendment, International Publication WO 2004/108351 A2, International Publication WO 2004/108351 A3, Form PCT/ISA/210, Form PCT/ISA/237, Form PCT/IB 311 transmitted December 16, 2004, Form PCT/IB/311 transmitted February 17, 2005
- Return postcard

CLAIMS AS FILED

| Number of Claims Filed | No. | In Excess of | Extra | Rate | | Fee |
|-------------------------------|----------|--------------|-------|----------|---|----------|
| Total Claims | 4 | 20 | 0 | \$25.00 | = | \$0.00 |
| Independent Claims | 1 | 3 | 0 | \$100.00 | = | \$0.00 |
| Multiple Dependent Claims Fee | | | | | = | \$0.00 |
| Basic Filing Fee | <u> </u> | | | | = | \$150.00 |
| Search Fee | | | - " | | = | \$250.00 |
| Examination Fee | : | | | | = | \$100.00 |
| Utility Application Size Fee | 8 | 100 | 0 | \$125.00 | | \$0.00 |
| | | | | | | |
| Total | | | | | = | \$500.00 |

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet

is enclosed.

Merchant & Gould P.C.
P.O. Box 2903 Minneapolis, MN 55402-0903
612.332.5300

Name: Dennis R. Daley

Reg. No.: 34,994 Initials: DRD/ncb

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